Aminoglycoside Resistance in Clinical Isolates of Pseudomonas Species

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Aminoglycosides are important antibiotics in the treatment of *pseudomonas* infections. Resistance to aminoglycosides in *pseudomonas* species has been known since 1960s and 1970s. Aim: To detect the aminoglycoside resistance pattern in *Pseudomonas* species.

Materials & Methods: This Laboratory based descriptive study conducted in the Department of Microbiology, KMC, Mangalore. By non-random sampling, 39 consecutive clinically significant *Pseudomonas* isolates were collected from various clinical specimens after obtaining clearance from Ethics Committee. Antibiotic susceptibility testing was performed using disk diffusion method described by Kirby-Bauer. The sensitivity was done and results interpreted according to Clinical Standards Institute (CLSI) recommendations. The collected data will be entered in MS Excel and analysis done using SPSS v 11.5.